

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/P.T.O.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	22
-------	----

Of	3
----	---

Application Number

10/599.313

Filing Date

September 25, 2006

First Named Inventor

CHA, Hyung Joon

Art Unit

	NA
--	----

Examiner Name

	NA
--	----

Attorney Docket Number

20010-06USA

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
	B1	WO 01/44401 A1	06-21-2001	QVIST	Whole Document	

Examiner  
Signature

Date  
Cons

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND**

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(Use as many sheets as necessary)***Complete if Known**

<b>Application Number</b>	10/599,313
<b>Filing Date</b>	September 25, 2006
<b>First Named Inventor</b>	CHA, Hyung Joon
<b>Art Unit</b>	N/A
<b>Examiner Name</b>	N/A
<b>Attorney Docket Number</b>	20010-06USA

Sheet 1 of 1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	HWANG et al., "Cloning and expression of novel mussel adhesive protein from Mytilus galloprovincialis", BIOMOLECULAR ENGINEERING (2003), 20(2):79	<input type="checkbox"/>
	C2	DATABASE Geneseq [Online] 9 May 2001, "Repetitive protein polymer protein sequence #76", XP002432105 retrieved from EBI accession no. GSN: AAB72776	
	C3	DATABASE UniProt [Online] 1 March 2002, "Polyphenolic phosphoprotein mefp-5 precursor", XP002432106 retrieved from EBI accession no. UNIPROT: Q8WTE8	
	C4	DATABASE Geneseq [Online] 26 September 2001-09-26, "Mussel adhesive derived peptide #2", XP002432107 retrieved from EBI accession no. GSN: AAG65052	
	C5	DATABASE Geneseq [Online] 21 October 2002, "Glue protein repeat unit", XP002432108 retrieved from EBI accession no. GSN: ABG69216	
	C6	DATABASE Geneseq [Online] 9 September 2004, "Mgfp-5 amino acid sequence, seq id 4", XP002432109 retrieved from EBI accession no. GSP: ADQ78274	
	C7	WAITE et al., "Polyphosphoprotein from the adhesive pads of Mytilus edulis", BIOCHEMISTRY (2001), 40(9):2887-2893	
	C8	HWANG et al., "Expression of functional recombinant mussel adhesive protein Mgfp-5 in Escherichia coli", APPLIED AND ENVIRONMENTAL MICROBIOLOGY (2004), 70(6):3352-3359	

**Examiner  
Signature****Date  
Considered**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO:****Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.